

Applicant: Hidetoshi Nishiyama, et al.

Title: Method and Its Apparatus for Inspecting Particles...

Atty Docket No. 16869S-032100

Sheet 1 of 21

FIG. 1

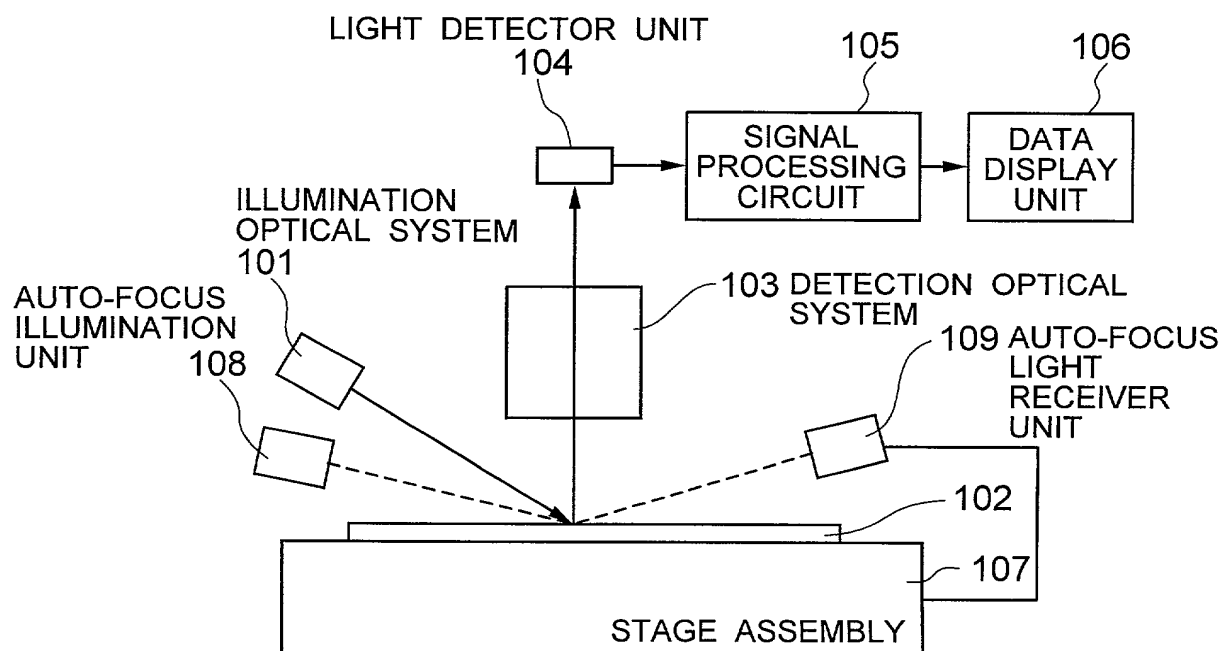


FIG. 2

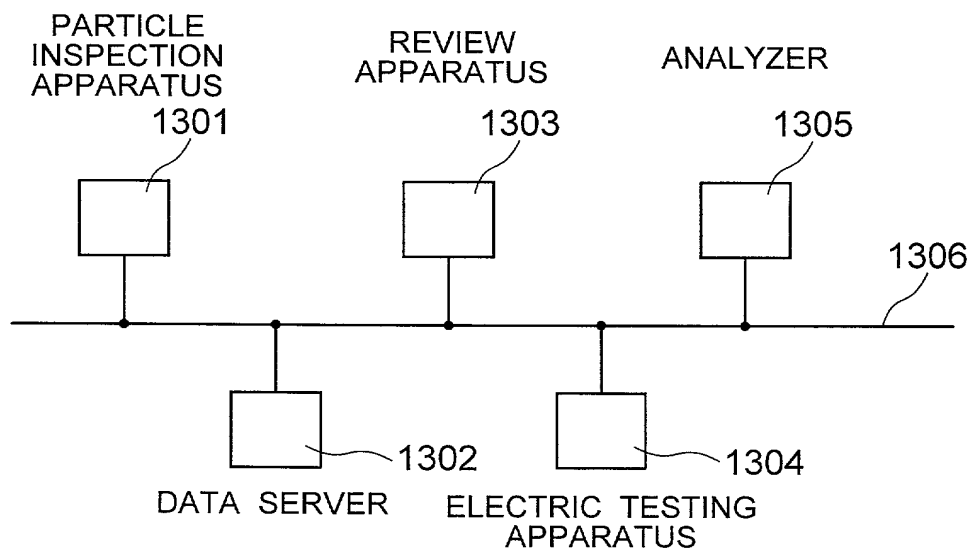


FIG. 3A

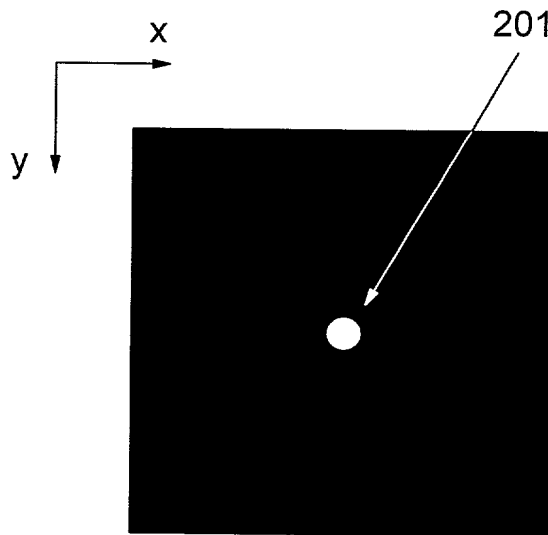


FIG. 3B

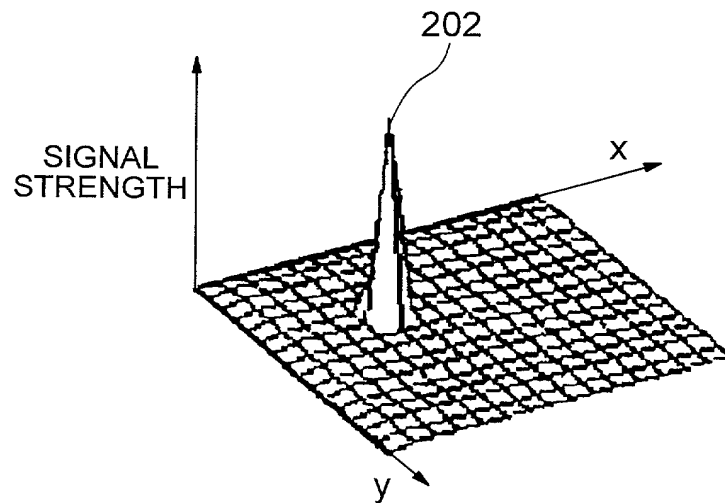


FIG. 4A

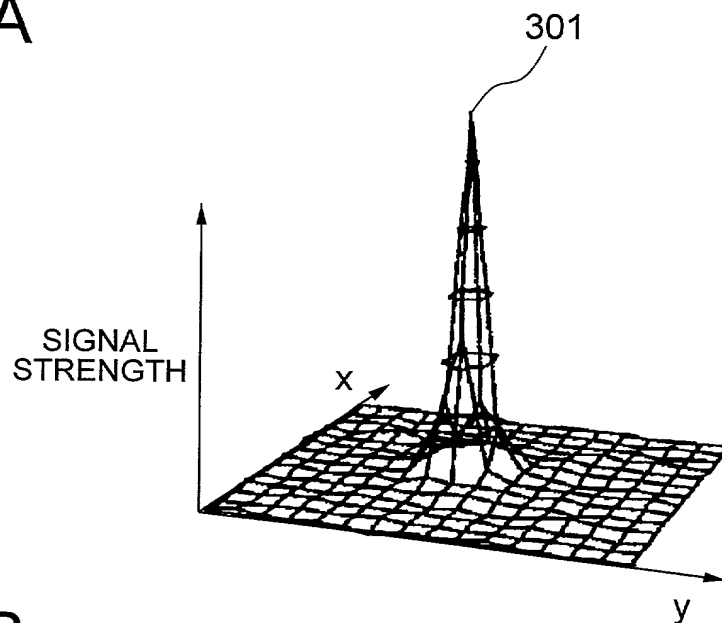


FIG. 4B

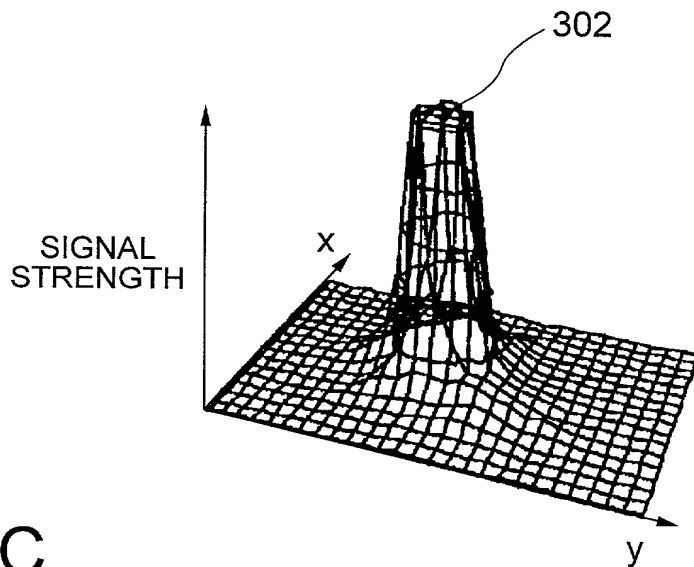


FIG. 4C

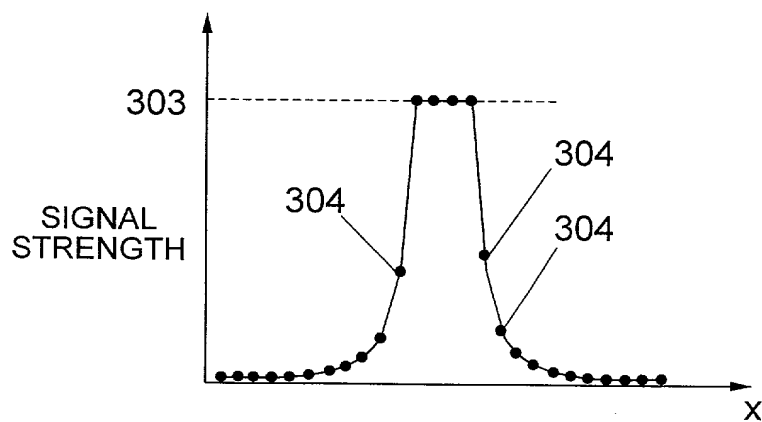


FIG. 5A

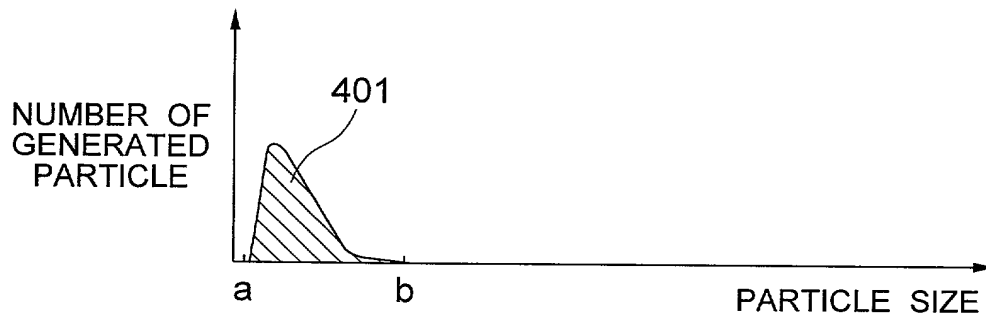


FIG. 5B

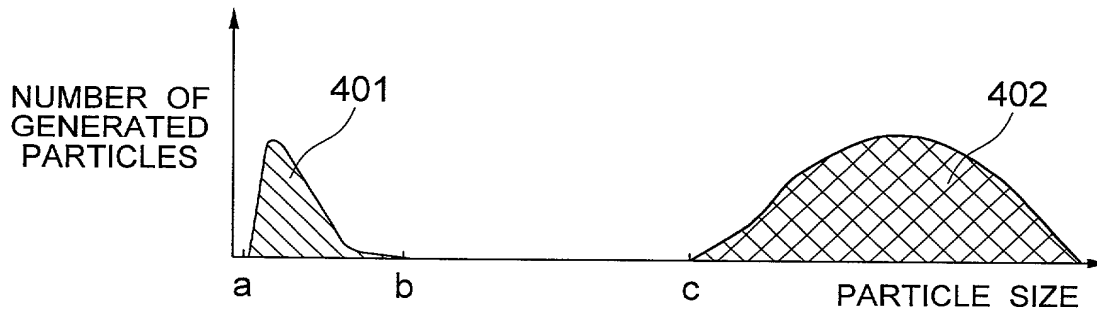


FIG. 5C

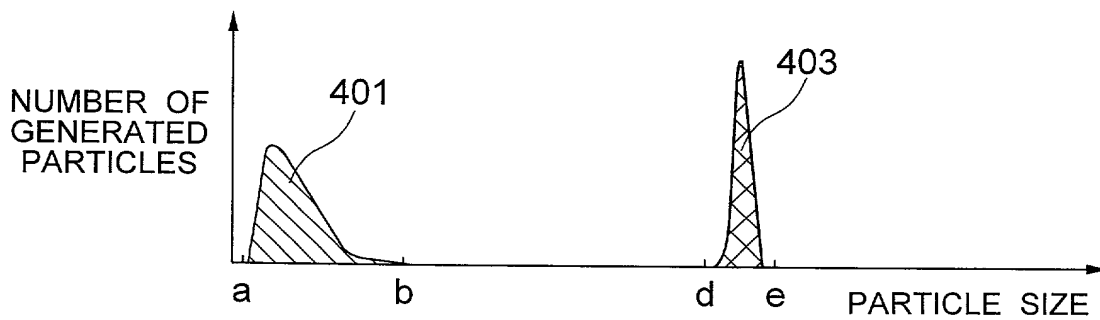


FIG. 6

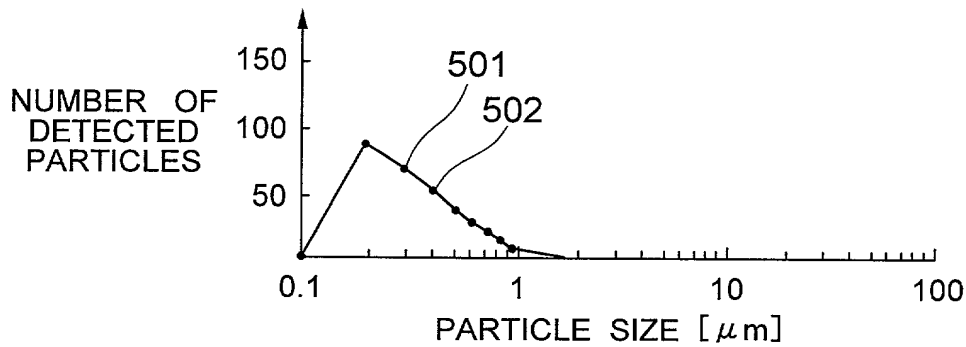


FIG. 7

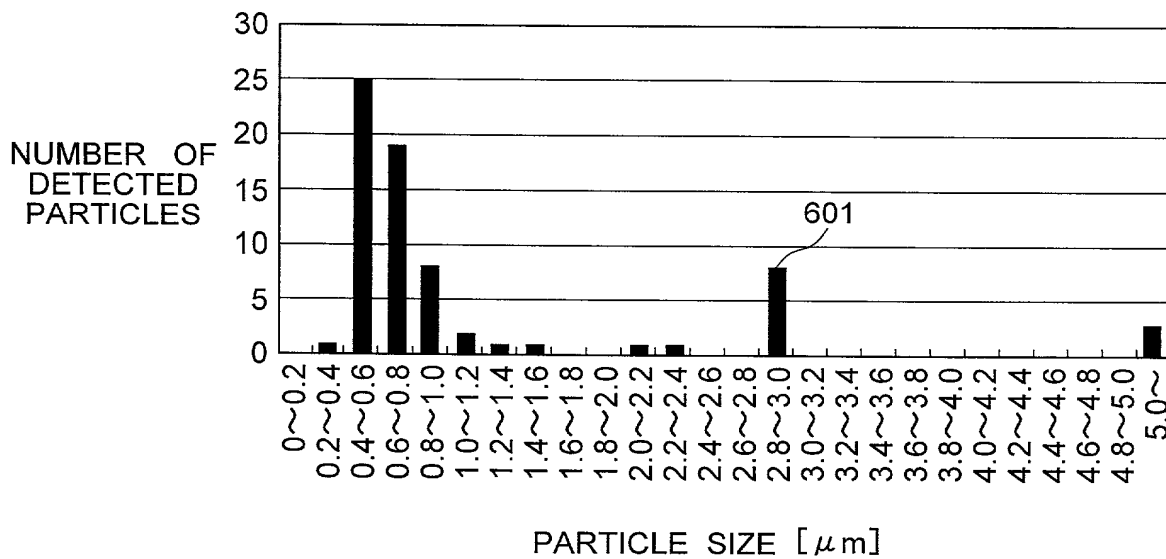


FIG. 8A

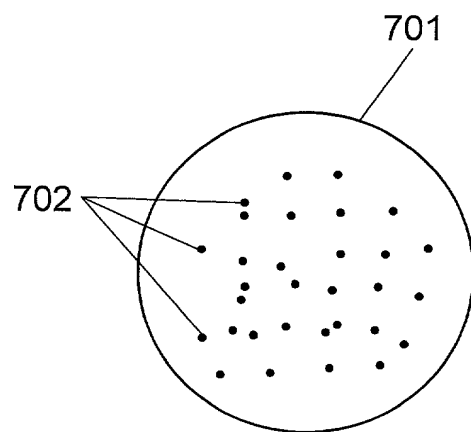


FIG. 8B

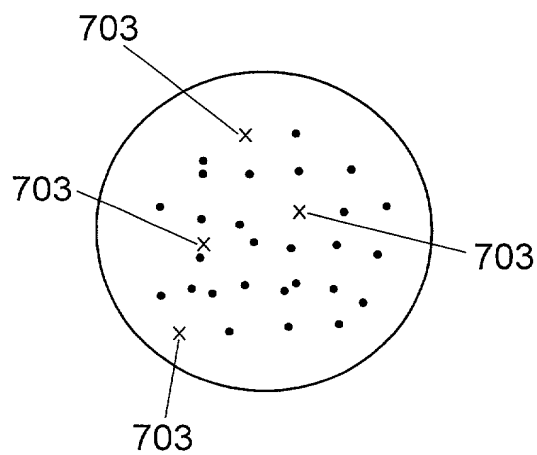


FIG. 9A

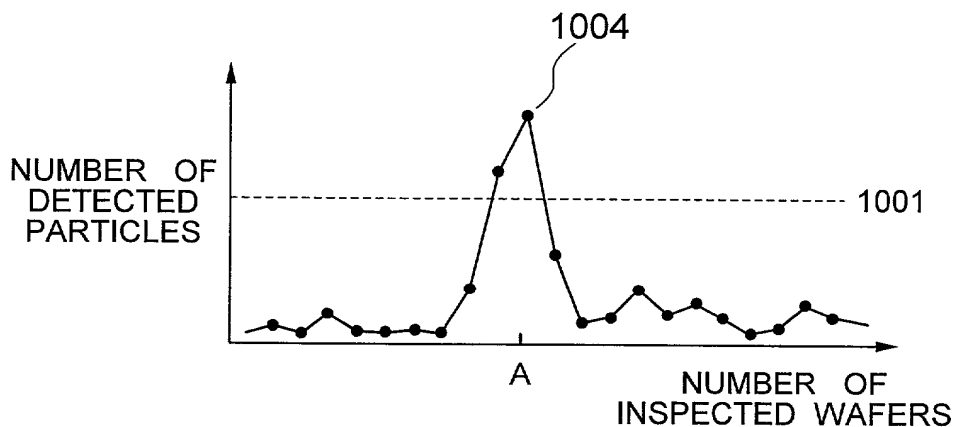


FIG. 9B

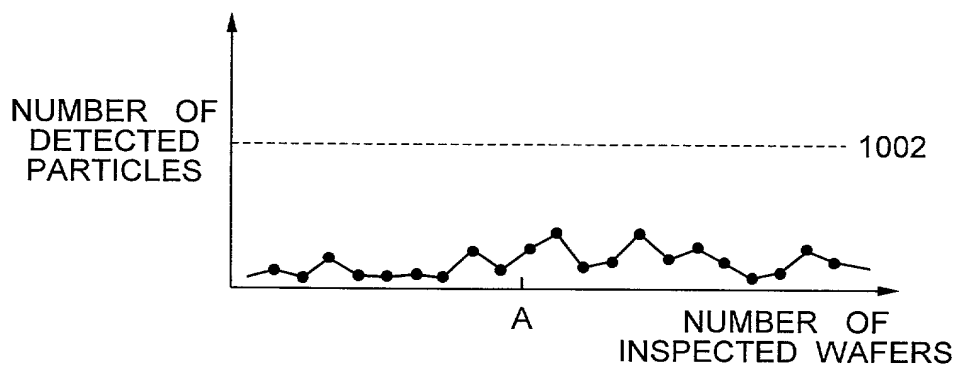


FIG. 9C

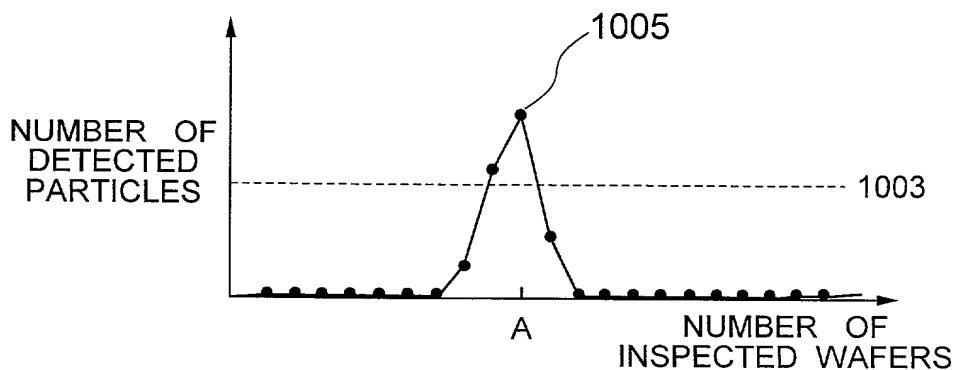


FIG. 10

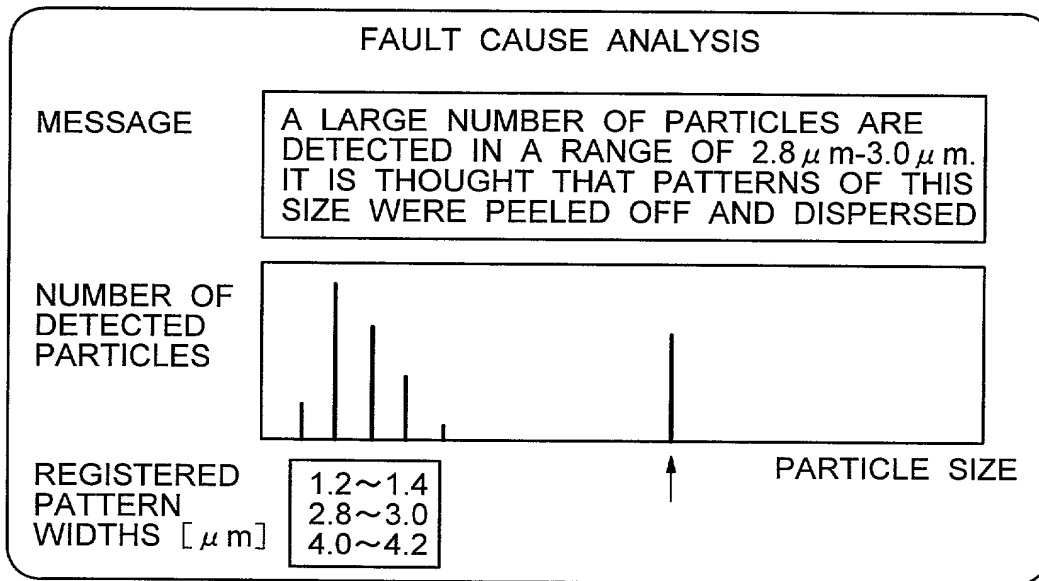


FIG. 11

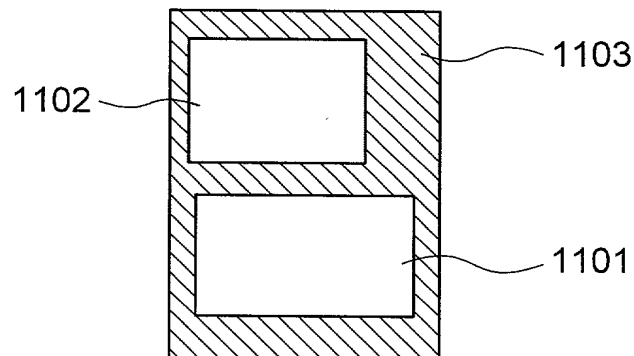


FIG. 12A

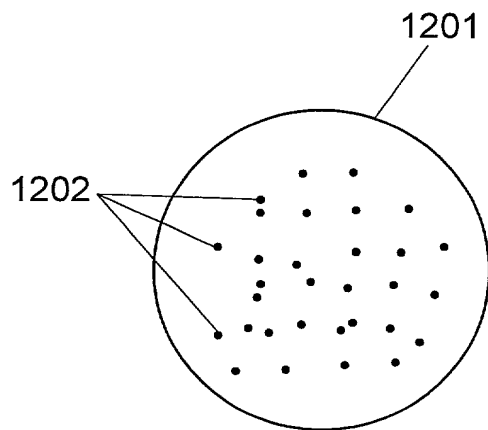


FIG. 12B

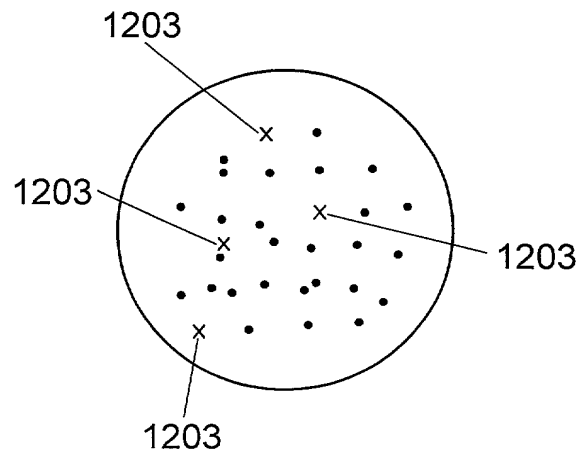


FIG. 13

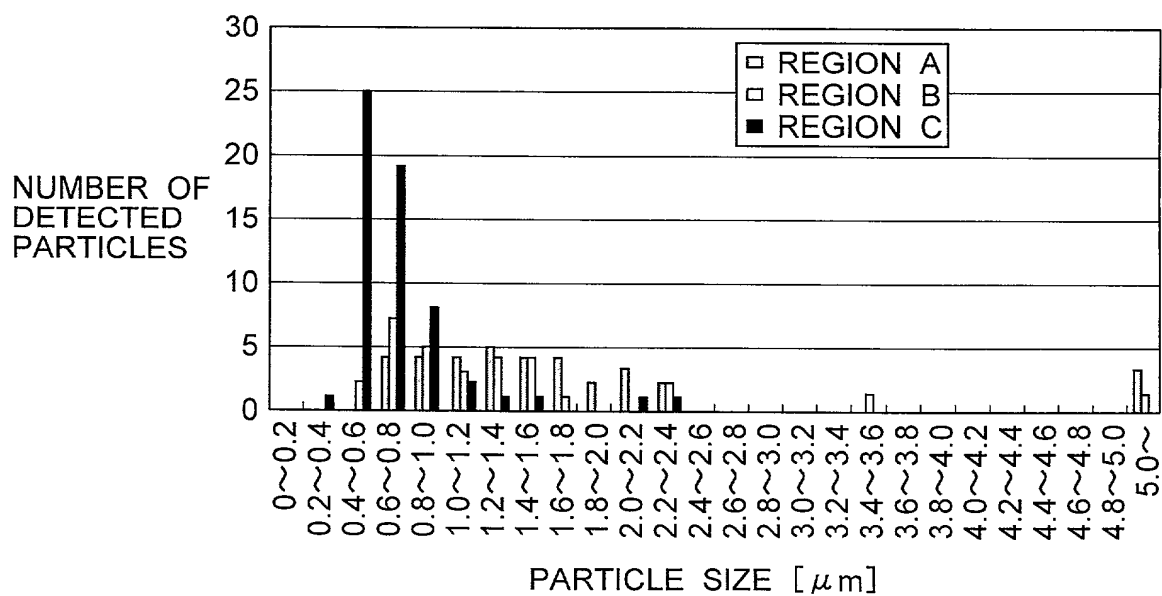


FIG. 14

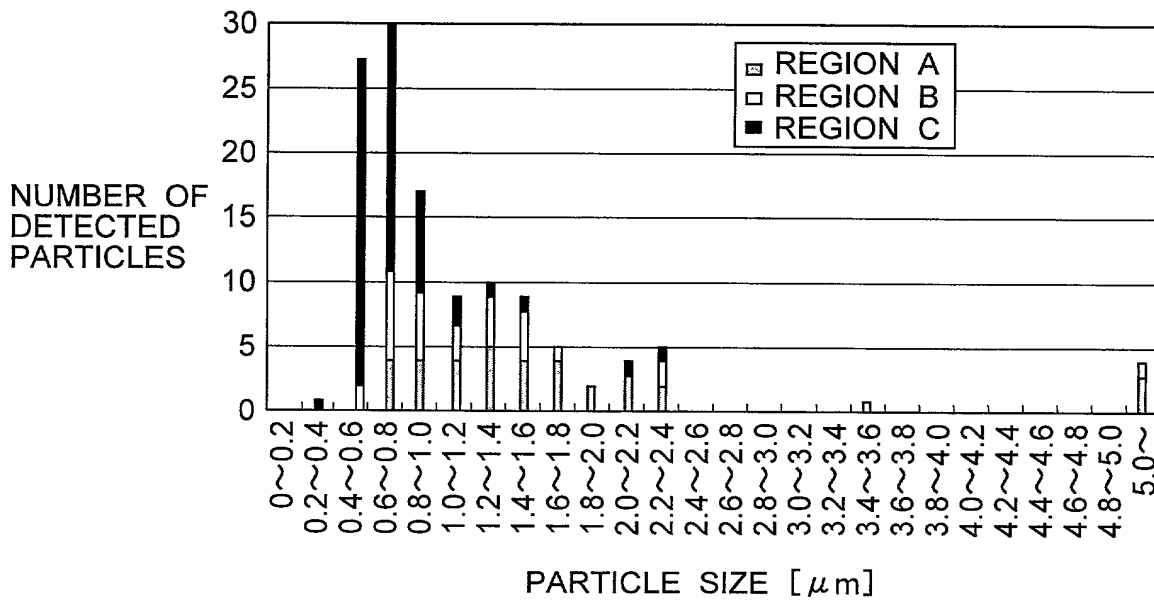


FIG. 15

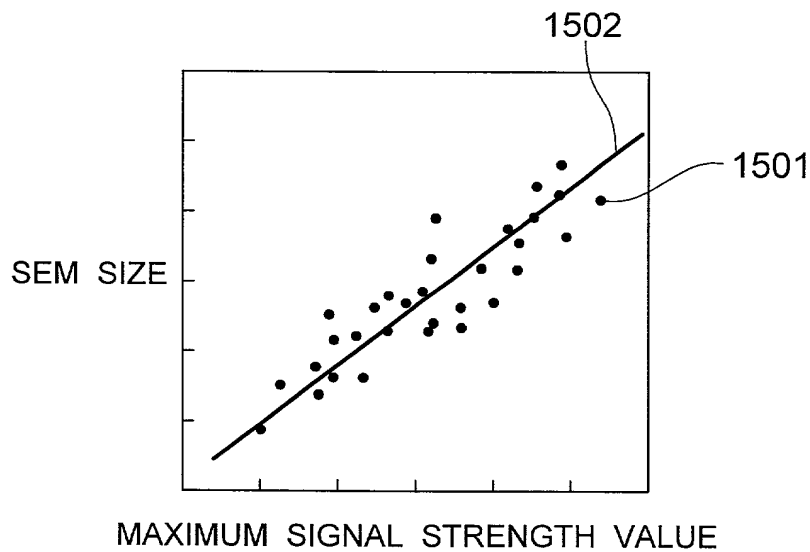


FIG. 16

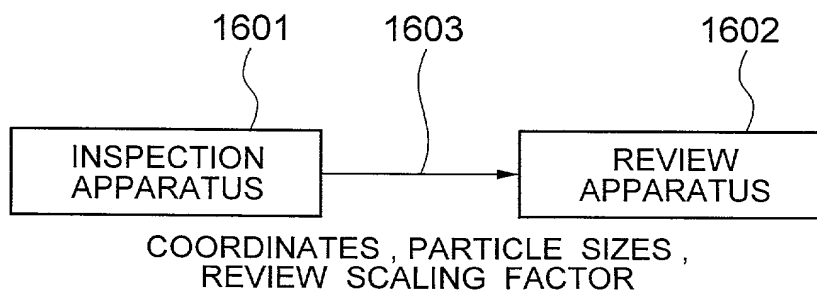


FIG. 17A

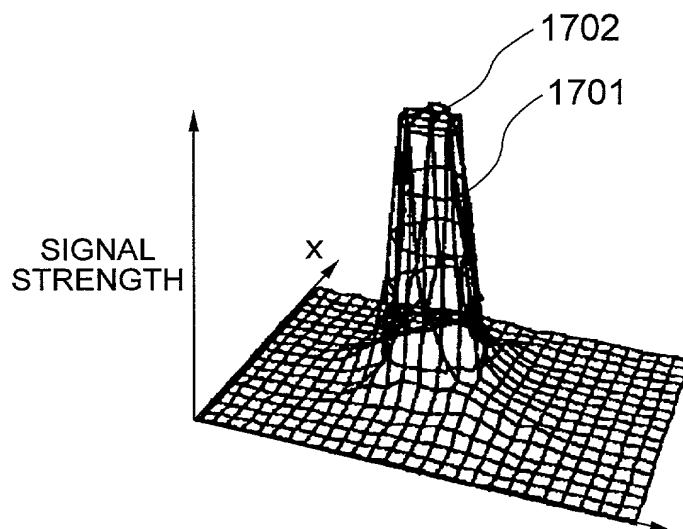


FIG. 17B

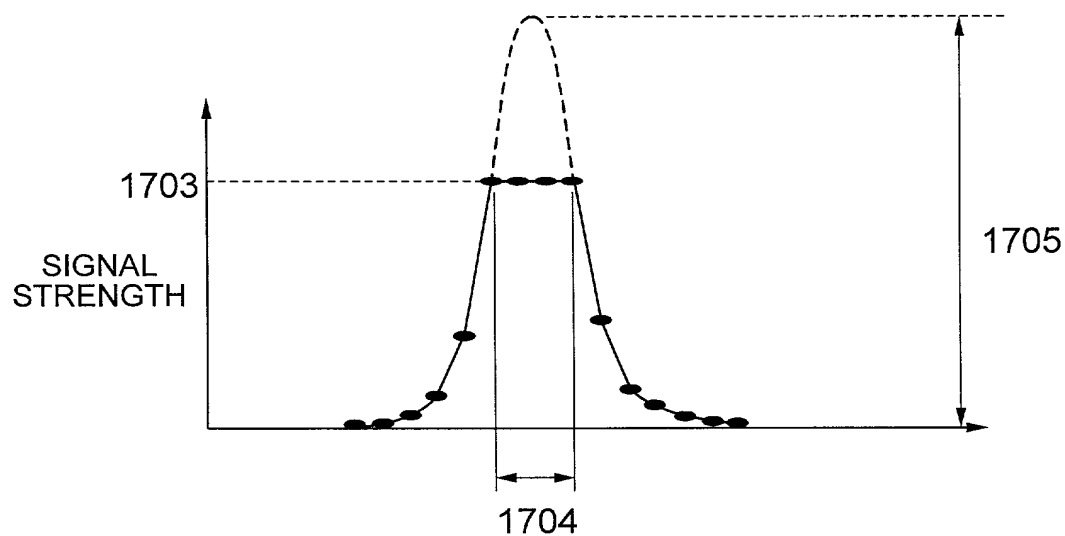
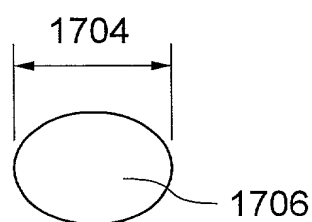


FIG. 17C



Applicant: Hidetoshi Nishiyama, et al.

Title: Method and Its Apparatus for Inspecting Particles...

Atty Docket No. 16869S-032100

Sheet 12 of 21

FIG. 18A

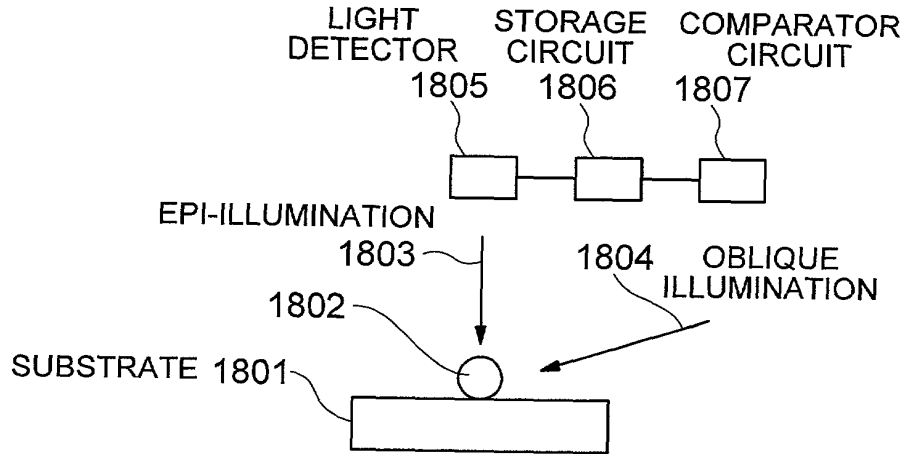
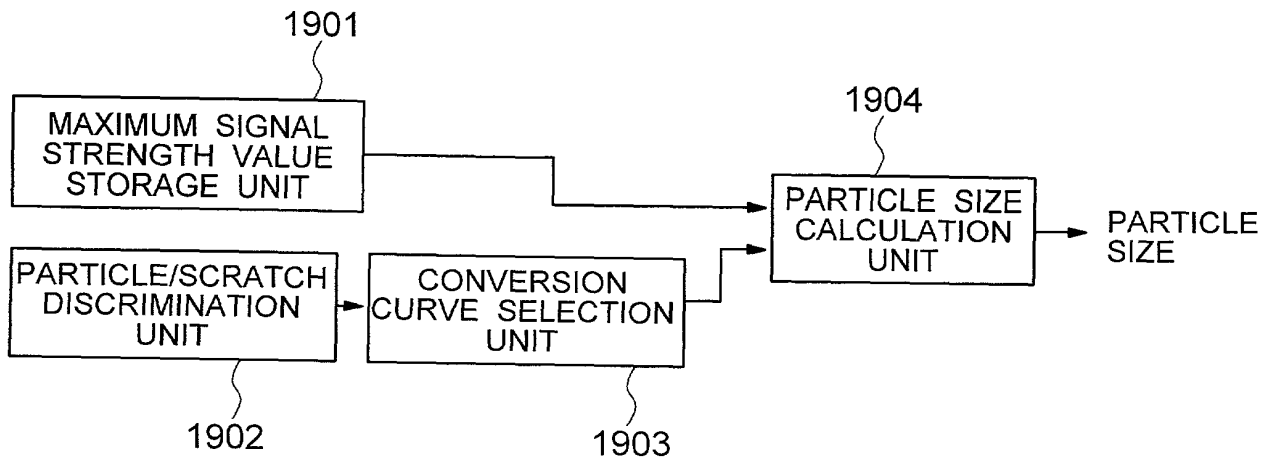


FIG. 18B

	DIFFERENCE IN SCATTERED LIGHT DEPENDING ON ILLUMINATING DIRECTION		SCATTERED LIGHT AMOUNT RATIO (EPI/OBLIQUE)
	EPI-ILLUMINATION	OBLIQUE ILLUMINATION	
PARTICLES	AMOUNT OF SCATTERED LIGHT: LARGE	AMOUNT OF SCATTERED LIGHT: LARGE	SMALL
SCRATCHES	AMOUNT OF SCATTERED LIGHT: LARGE	AMOUNT OF SCATTERED LIGHT: SMALL	LARGE

FIG. 19



Applicant: Hidetoshi Nishiyama, et al.

Title: Method and Its Apparatus for Inspecting Particles...

Atty Docket No. 16869S-032100

Sheet ~~18~~¹⁹ of 21

FIG. 20

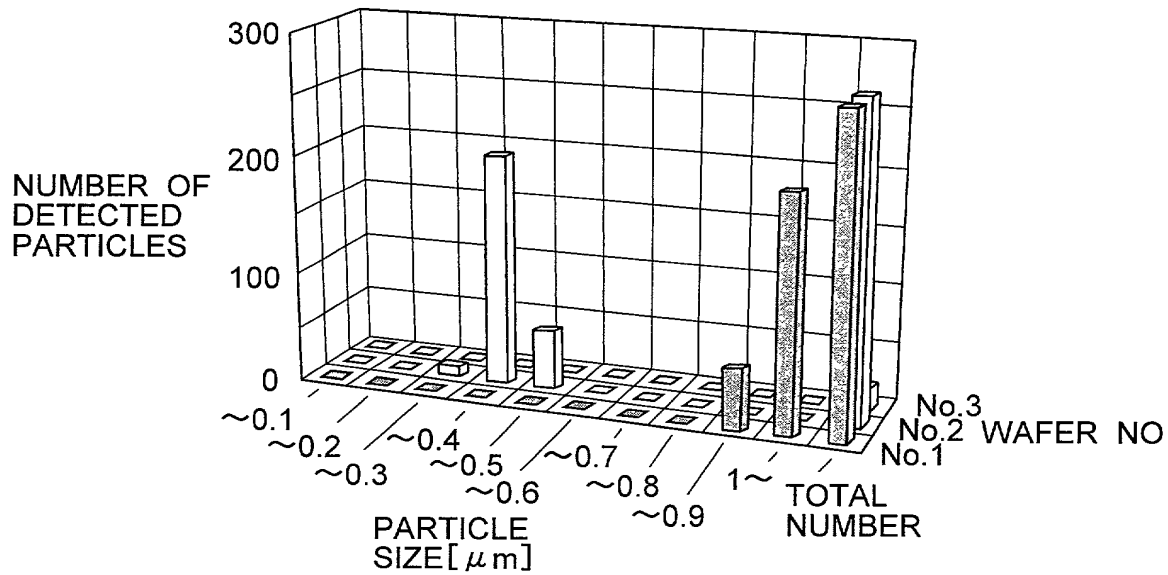


FIG. 21

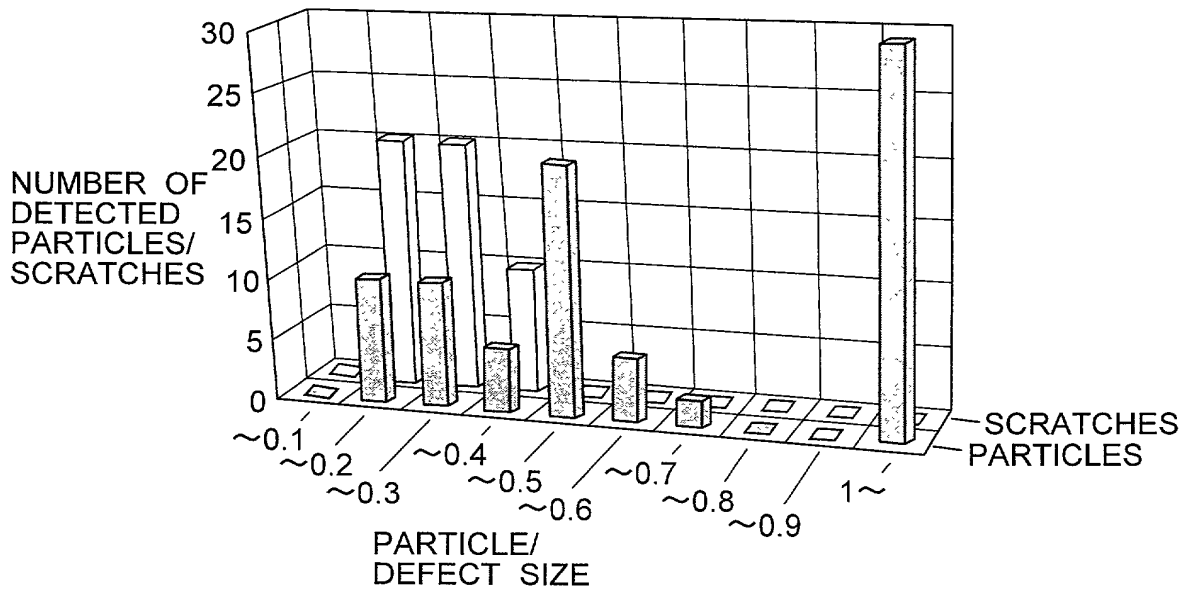


FIG. 22

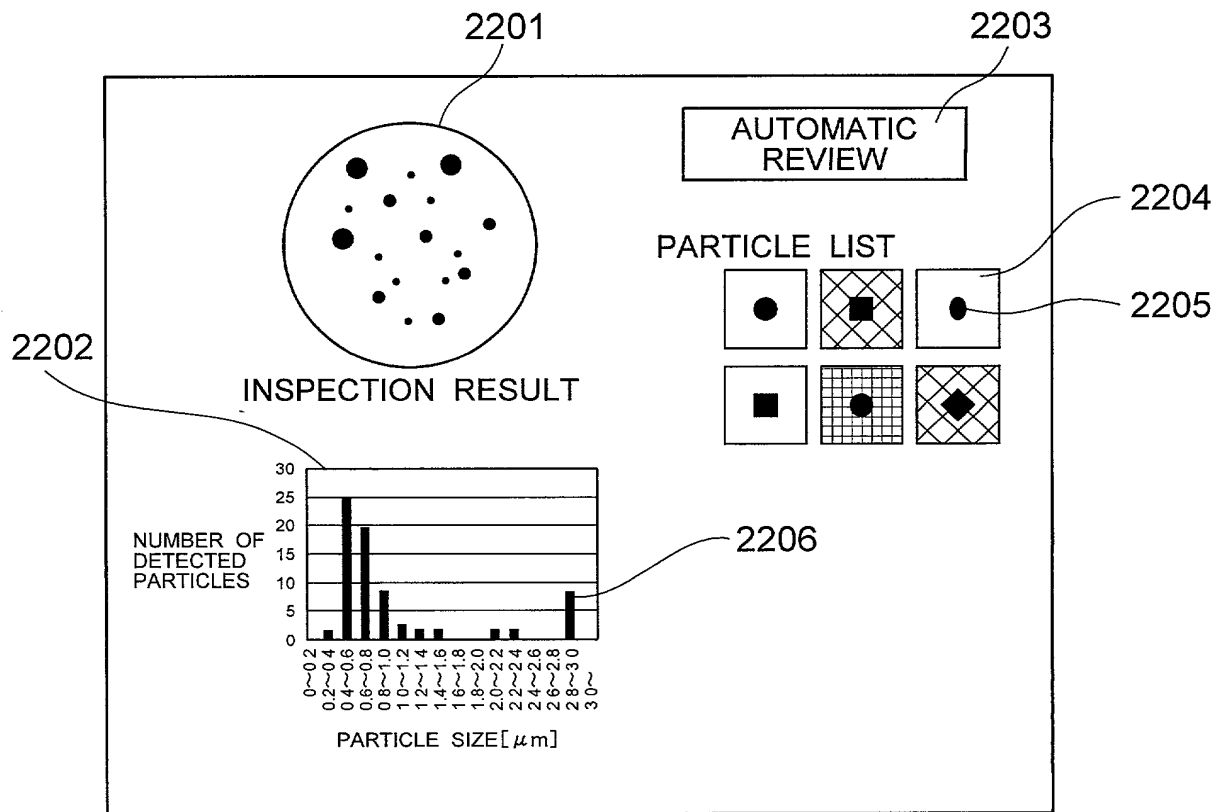


FIG. 23

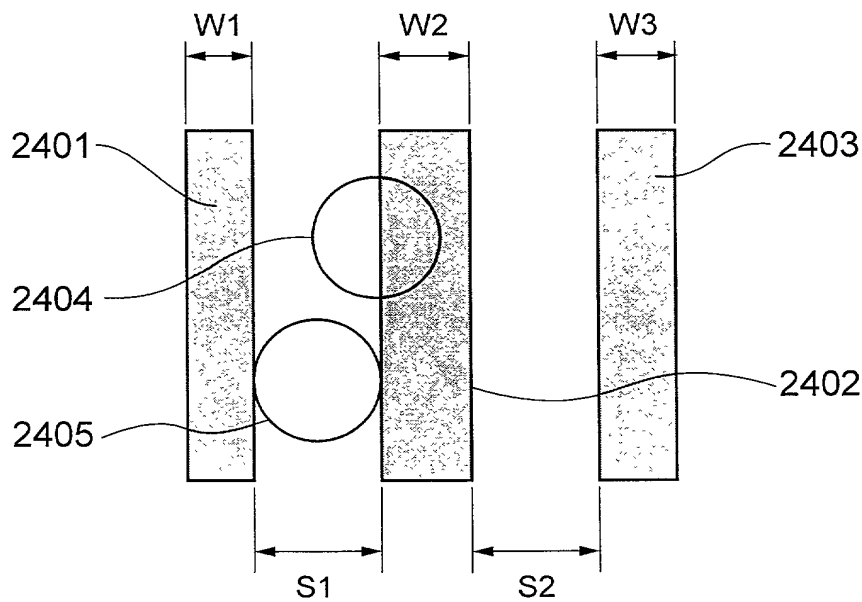


FIG. 24

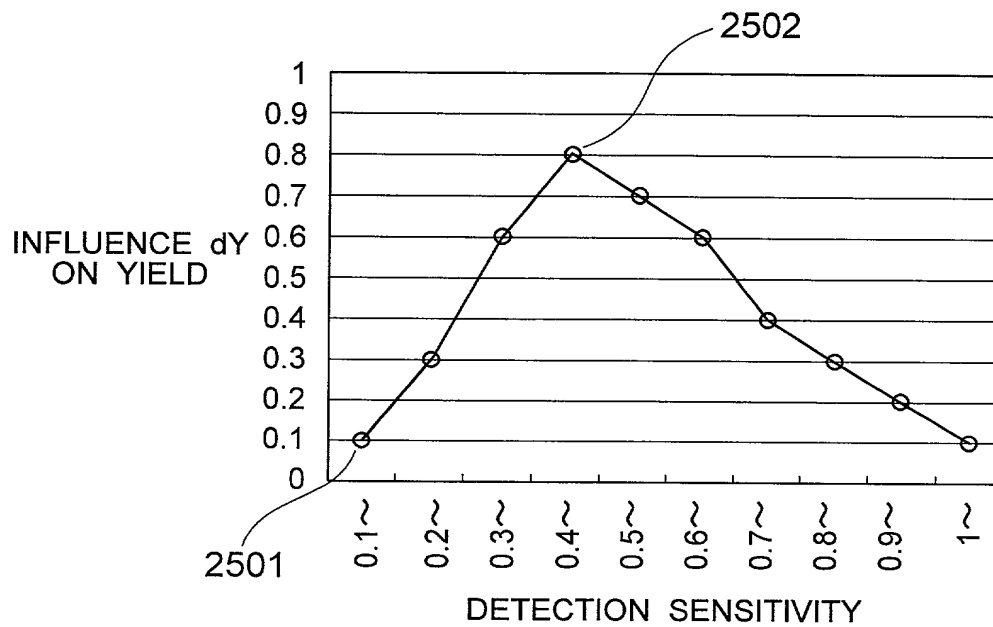


FIG. 25

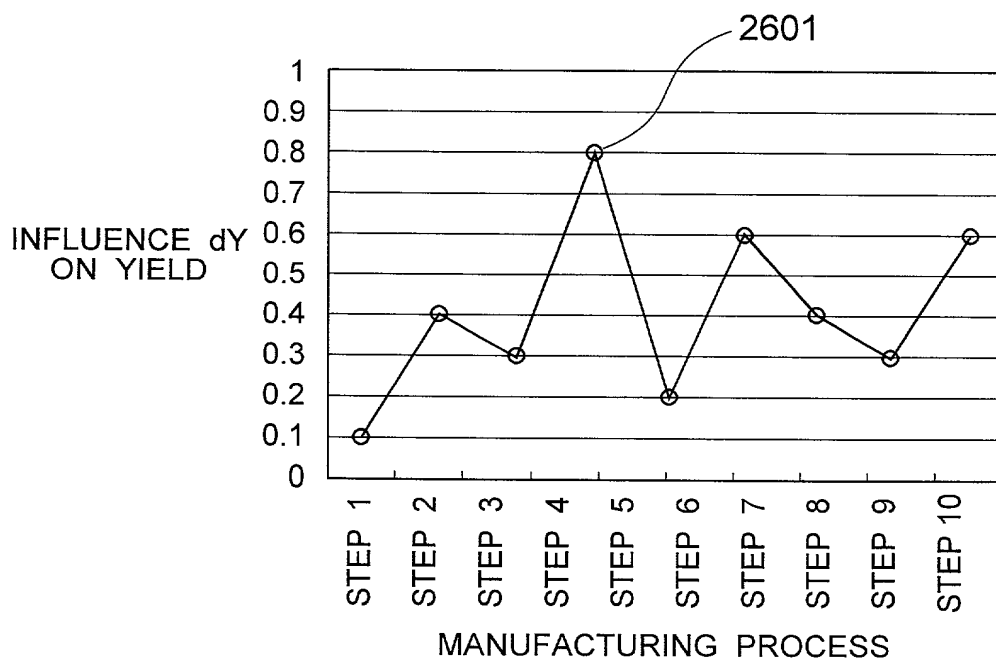


FIG. 26

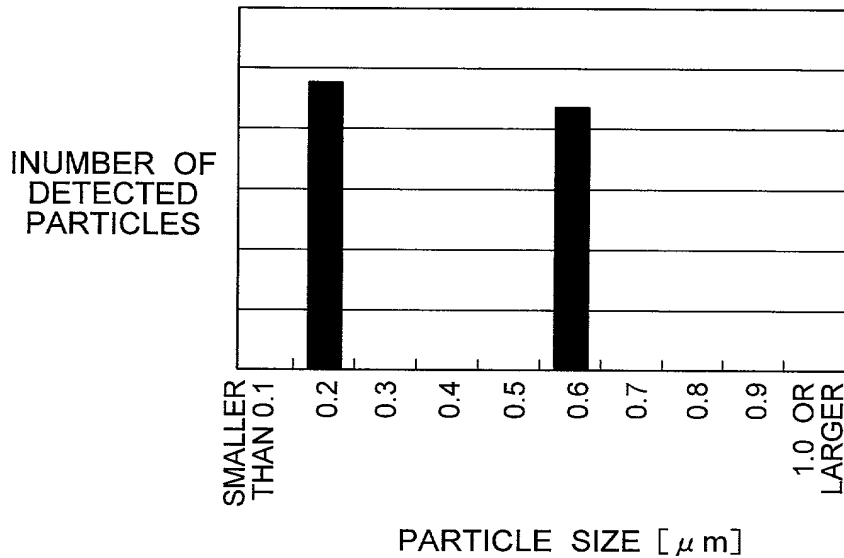
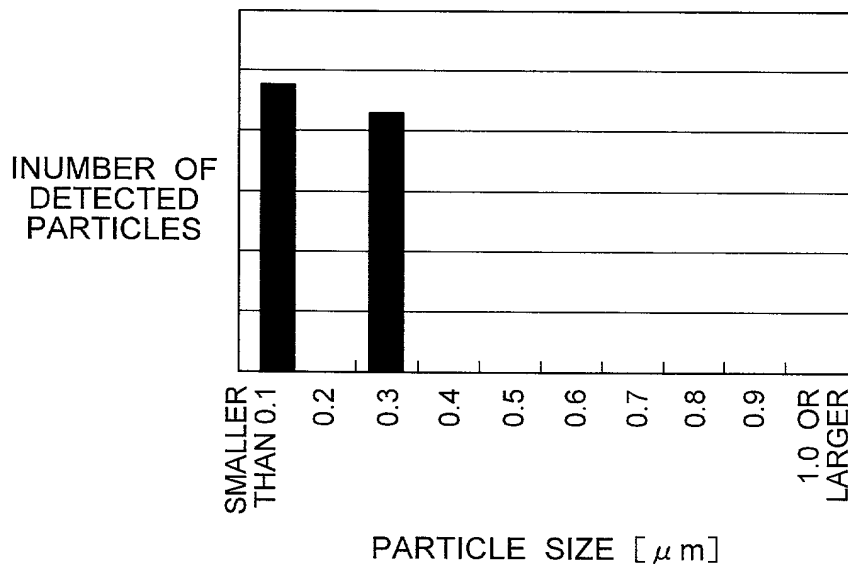


FIG. 27



Applicant: Hidetoshi Nishiyama, et al.

Title: Method and Its Apparatus for Inspecting Particles...

Atty Docket No. 16869S-032100

Sheet 17 of 21

17

FIG. 28

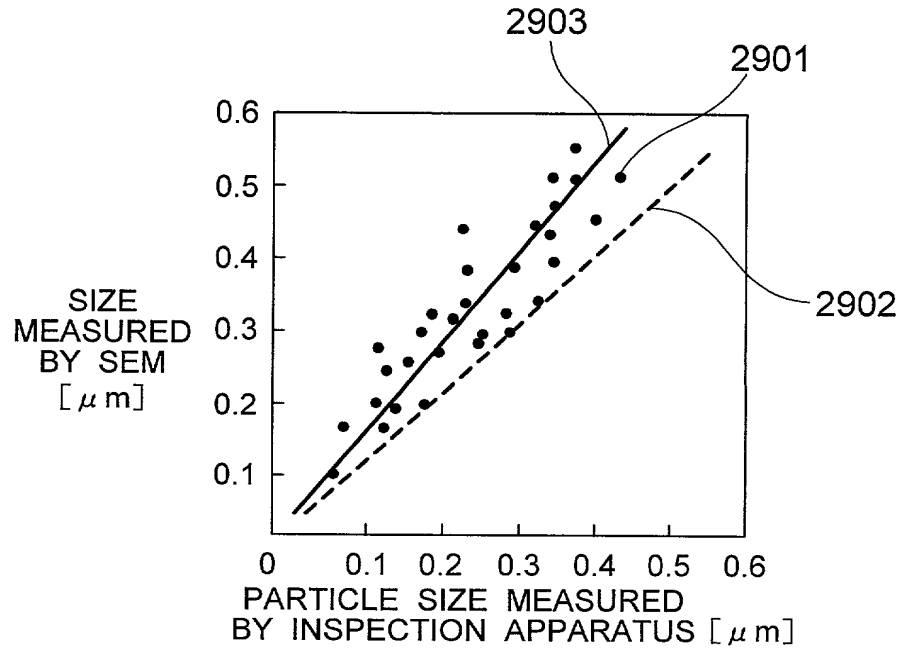


FIG. 29

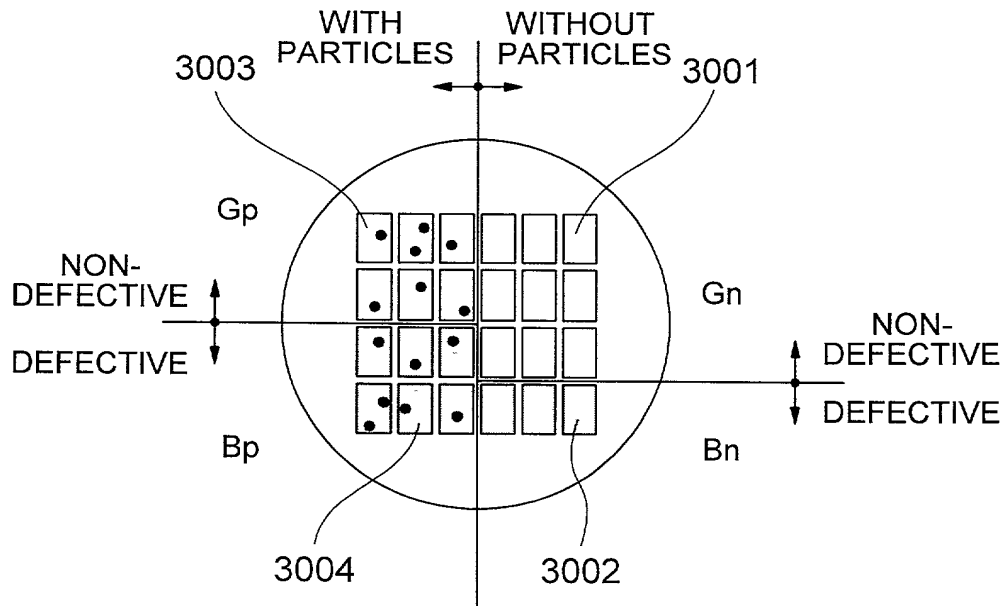


FIG. 30A

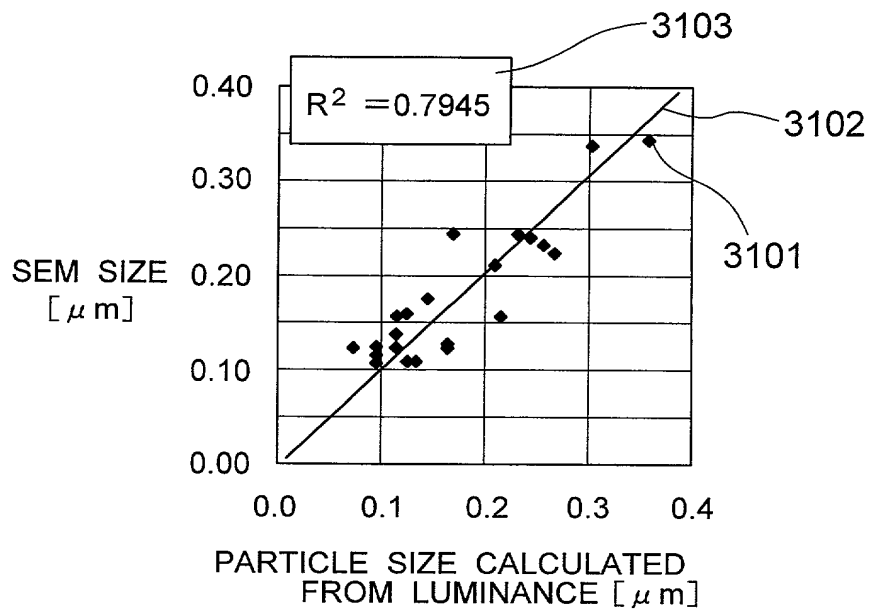


FIG. 30B

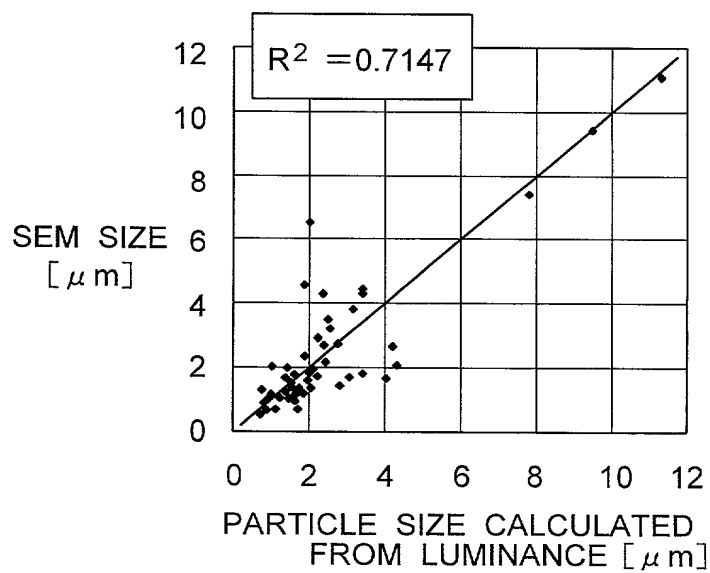


FIG. 31

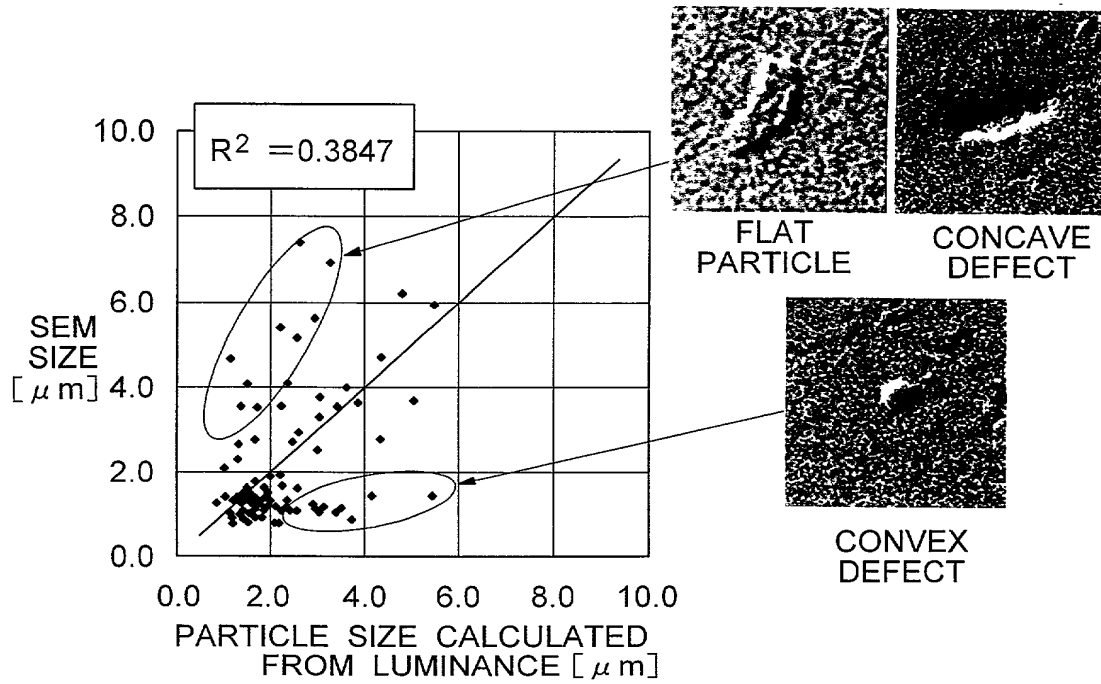


FIG. 32

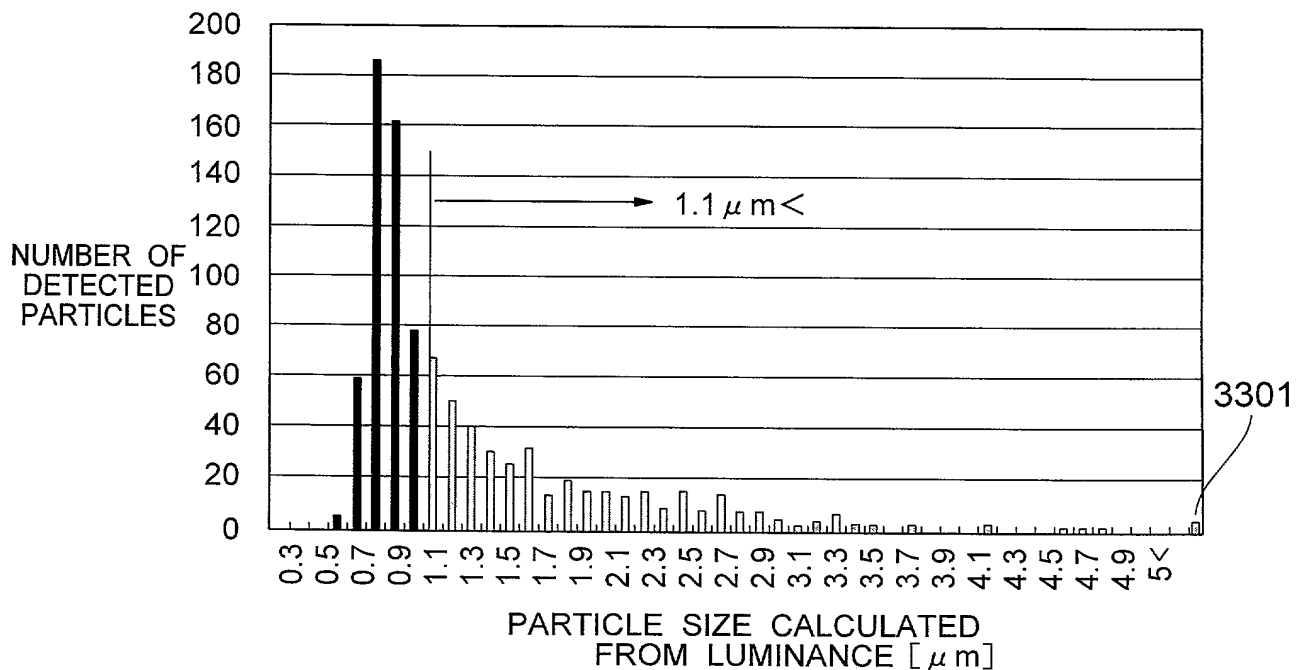


FIG. 33A

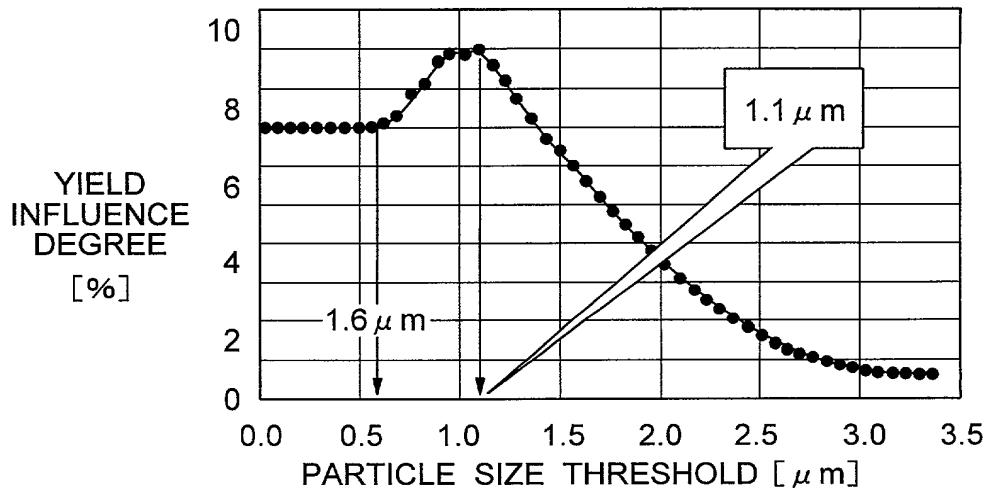
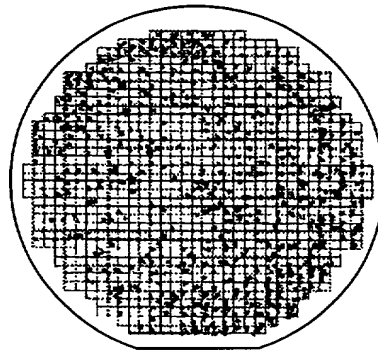
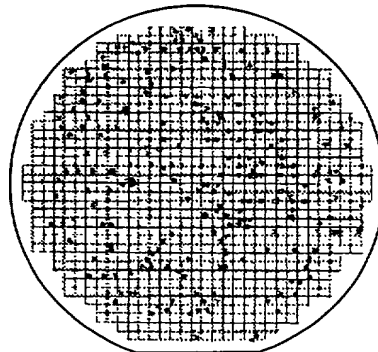


FIG. 33B



ALL
PARTICLES
(896)

FIG. 33C



PARTICLES
OF 1.1 μm
OR LARGER
(311)

FIG. 34

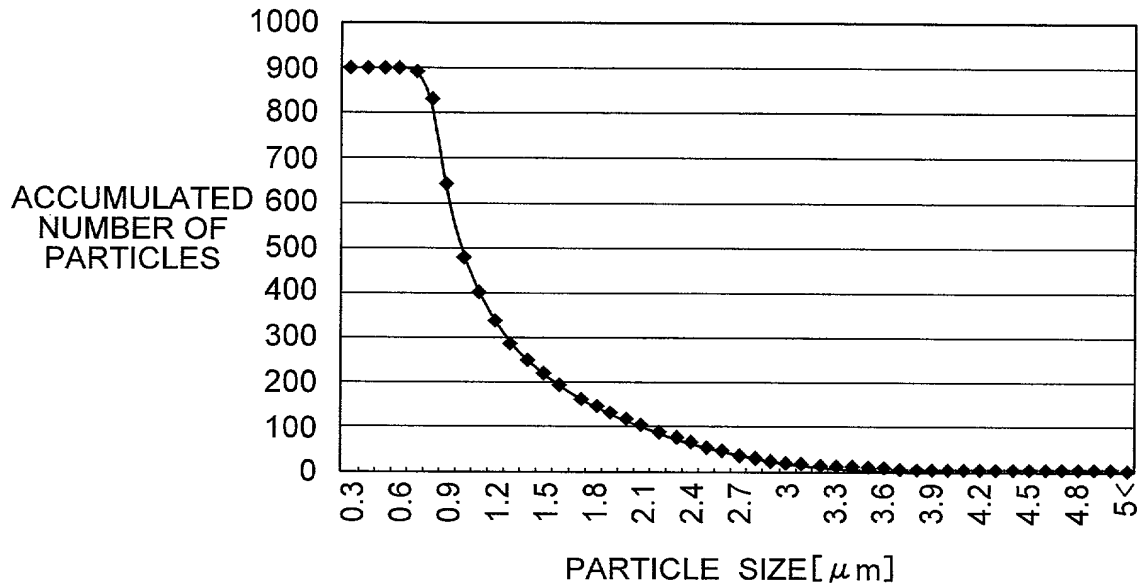


FIG. 35

